

| Ref # | Hits | Search Query  | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------|------------------|---------|------------------|
| L1    | 15   | (US-20020168985-\$ or US-20030011513-\$ or US-20040117114-\$).did. or (US-5430657-\$ or US-5731786-\$ or US-6016117-\$ or US-6211819-\$ or US-6275185-\$ or US-6323803-\$ or US-6373431-\$ or US-6424890-\$ or US-6437735-\$ or US-6567712-\$ or US-6611756-\$ or US-6829535-\$).did. | US-PGPUB; USPAT        | OR               | OFF     | 2005/08/09 14:55 |
| L2    | 8    | (US-20040117114-\$).did. or (US-5430657-\$ or US-6016117-\$ or US-6211819-\$ or US-6424890-\$ or US-6437735-\$ or US-6567712-\$ or US-6829535-\$).did.  | US-PGPUB; USPAT        | OR               | OFF     | 2005/08/09 15:32 |
| L3    | 20   | ("5444450"   "5613193"   "5812087"   "5920278"   "6064336"   "6067045"   "6078284"   "6118977"   "6133874"   "6134483"   "6188354"   "6204804"   "6211819"   "6215441"   "6252543"   "6272316"   "6313787"   "6411899"   "6437735"   "6651000").PN.                                   | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2005/08/09 15:32 |
| L4    | 7    | (US-5430657-\$ or US-6016117-\$ or US-6211819-\$ or US-6424890-\$ or US-6437735-\$ or US-6567712-\$ or US-6651000-\$).did.  | USPAT                  | OR               | OFF     | 2005/08/09 15:35 |
| L5    | 6    | ("5731786"   "5787384"   "6085128"   "6337657"   "6441780"   "6441781").PN.   | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2005/08/09 15:35 |
| L6    | 17   | ("20010014604"   "5343210"   "5486834"   "5587715"   "5594453"   "5764184"   "5999125"   "6055426"   "6114989"   "6133874"   "6191731"   "6211819"   "6252544"   "6313787").PN. OR ("6437735").URPN.  | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2005/08/09 15:36 |
| L7    | 19   | ("4445118"   "4797677"   "5119101"   "5430657"   "5731786"   "5889492"   "5893044").PN. OR ("6211819").URPN.  | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2005/08/09 15:37 |
| L8    | 7    | ("3271565"   "4912475").PN. OR ("6016117").URPN.  | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2005/08/09 15:38 |

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|----|----|---|------------------------------|----|-----|------------------|
| L9 | 36 | ("4578678"   "4646096"  <br>"4894662"   "4903212"  <br>"4912475"   "5119102"  <br>"5148179"   "5155490"  <br>"5220509"   "5222245"  <br>"5225842"   "5272483"  <br>"5274382"   "5293318"  <br>"5323322").PN. OR ("5430657").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/08/09 16:21 |
|----|----|---|------------------------------|----|-----|------------------|

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 31   | ("5731786" "5764184" "5786773" "5841396" "5874914" "6057800" "6064336" "6208290" "6211817" "6225945" "6229478" "6275185" "6373429" "6400314" "6421002" "6437735" "6438382").PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR               | OFF     | 2005/08/08 13:33 |
| S2    | 17   | ("5731786" "5764184" "5786773" "5841396" "5874914" "6057800" "6064336" "6208290" "6211817" "6225945" "6229478" "6275185" "6373429" "6400314" "6421002" "6437735" "6438382").PN. | USPAT   | OR               | OFF     | 2005/08/08 14:10 |
| S3    | 2    | ("20040263386").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/08 13:34 |
| S4    | 36   | issue\$ adj2 ephemer\$  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR               | OFF     | 2005/08/08 14:39 |
| S5    | 441  | almanac with ephemer\$ and (navigation with satellite)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR               | OFF     | 2005/08/08 14:40 |
| S6    | 34   | S5 and (estimat\$ with almanac)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR               | OFF     | 2005/08/08 14:53 |
| S7    | 2    | ("6323803").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/08 14:54 |
| S8    | 10   | ("5365450"   "5828336"   "5913170"   "6084544"   "6104338"   "6133874").PN. OR ("6323803").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2005/08/08 14:56 |
| S9    | 859  | ((342/357.09) or (342/357.1) or (342/357.15)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/08 14:57 |
| S10   | 286  | S9 and (ephemeris or ephemerides)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR               | OFF     | 2005/08/08 14:57 |

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S11 | 172 | S10 and almanac   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2005/08/08 14:58 |
| S12 | 138 | S11 and (orbital or trajectory or orbit)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2005/08/08 14:58 |
| S13 | 13  | ("20020072378"   "4445118"  <br>"5999125"   "6064336"  <br>"6088694"   "6389427"  <br>"6437735"   "6438382"  <br>"6453232"   "6654686"  <br>"6671620"   "6711572"  <br>"6720915").PN.                                     | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/08/08 14:59 |
| S14 | 17  | ("20010014604"   "5343210"  <br>"5486834"   "5587715"  <br>"5594453"   "5764184"  <br>"5999125"   "6055426"  <br>"6114989"   "6133874"  <br>"6191731"   "6211819"  <br>"6252544"   "6313787").PN. OR<br>("6437735").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/08/08 15:01 |
| S15 | 1   | ("6052646").PN. OR ("6373431").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/08/08 15:33 |
| S16 | 1   | ("6052646").PN. OR ("6373431").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/08/08 15:39 |
| S17 | 236 | (701/226).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/08 15:39 |
| S18 | 7   | ("4445118"   "4797677"  <br>"5751244"   "5936571"  <br>"5949374"   "6016117"  <br>"6144336").PN. OR ("6424890").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/08/08 15:43 |